AMENDMENTS TO THE CLAIMS

Claims 1-35 (cancelled)

36.   (currently amended) A method of applying an access privilege to a logical storage medium in communication with a computer, the method comprising the steps of:

(a)   providing an end user access privilege indicative of at least one of an enabled operation and a restricted operation to be performed on a logical storage medium obviating a need for a reserved portion of said logical storage medium;

(b)   associating said access privilege with at least one logical portion of said logical storage medium;

(c)   applying said access privilege to at least one data identifier; and

(d)   providing a ~~transparent~~ trap layer.

37.   (previously presented) The method as defined in claim 36, wherein said at least one logical portion of said logical storage medium comprises at least one of a partition, a directory, a special file, ~~and~~ or a file.

38.   (previously presented) The method as defined in claim 36, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

39.   (previously presented) The method as defined in claim 36, wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, or ~~and~~ a directory.

40.   (previously presented) The method as defined in claim 36, wherein said operations

comprise at least one of reading, executing, appending, creating new objects, deleting, renaming,

moving, overwriting, modifying attributes, ~~and~~ or modifying data object security.

41.   (previously presented) The method as defined in claim 36, further comprising:

(e) applying a plurality of access privileges to said at least one data identifier.

42.   (previously presented) The method as defined in claim 36, further comprising:

(e) applying a plurality of access privileges to said portion of said logical storage medium.

43.   (previously presented) The method as defined in claim 36, further comprising:

(e) applying said access privilege to said logical storage medium wherein said logical storage

medium is itself a logical portion of another logical storage medium, and wherein a logical

portion of said another logical storage medium is specified by at least one data identifier.

44.   (previously presented) The method as defined in claim 36, wherein said at least one

data identifier comprises a free space portion.

45.   (previously presented) The method as defined in claim 36, wherein said at least one

data identifier comprises newly created data.

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46.   (newly added) A system for applying an access privilege to a logical storage medium in communication with a computer, the system comprising:

providing means for providing an end user access privilege indicative of at least one of an enabled operation and a restricted operation to be performed on a logical storage medium obviating a need for a reserved portion of said logical storage medium;

associating means for associating said access privilege with at least one logical portion of said logical storage medium;

applying means for applying said access privilege to at least one data identifier; and

providing means for providing a trap layer.

47.   (newly added) The system as defined in claim 46, wherein said at least one logical portion of said logical storage medium comprises at least one of a partition, a directory, a special file, or a file.

48.   (newly added) The system as defined in claim 46, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

49.   (newly added) The system as defined in claim 46, wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, or a directory.

50.   (newly added) The system as defined in claim 46, wherein said operations comprise means for at least one of reading, executing, appending, creating new objects, deleting, renaming, moving, overwriting, modifying attributes, or modifying data object security.

51.   (newly added) The system as defined in claim 46, further comprising:

means for applying a plurality of access privileges to said at least one data identifier.

52.   (newly added) The system as defined in claim 46, further comprising:

means for applying a plurality of access privileges to said portion of said logical storage medium.

53.   (newly added) The system as defined in claim 46, further comprising:

means for applying said access privilege to said logical storage medium wherein said logical storage medium is itself a logical portion of another logical storage medium, and wherein a logical portion of said another logical storage medium is specified by at least one data identifier.

54.   (newly added) The system as defined in claim 46, wherein said at least one data identifier comprises a free space portion.

55.   (newly added) The system as defined in claim 46, wherein said at least one data identifier comprises newly created data.

56.   (newly added) A computer program product embodied on a computer readable media wherein the computer program product comprises logic which when executed performs the following method of applying an access privilege to a logical storage medium in communication with a computer, the method comprising the steps of:

(a)   providing an end user access privilege indicative of at least one of an enabled operation and a restricted operation to be performed on a logical storage medium obviating a need for a reserved portion of said logical storage medium;

(b)   associating said access privilege with at least one logical portion of said logical storage medium;

(e)   applying said access privilege to at least one data identifier; and

(f)   providing a trap layer.

57.   (newly added) The computer program product as defined in claim 56, wherein said at least one logical portion of said logical storage medium comprises at least one of a partition, a directory, a special file, or a file.

58.   (newly added) The computer program product as defined in claim 56, wherein said at least one logical portion of said logical storage medium comprises an entire logical storage medium.

59.   (newly added) The computer program product as defined in claim 56, wherein said at least one data identifier comprises at least one of a file name, a file mask, a special file, or a directory.

60.   (newly added) The computer program product as defined in claim 56, wherein said operations comprise at least one of reading, executing, appending, creating new objects, deleting, renaming, moving, overwriting, modifying attributes, or modifying data object security.

61.   (newly added) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying a plurality of access privileges to said at least one data identifier.

62.   (newly added) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying a plurality of access privileges to said portion of said logical storage medium.

63.   (newly added) The computer program product as defined in claim 56, wherein the method further comprises:

(e) applying said access privilege to said logical storage medium wherein said logical storage medium is itself a logical portion of another logical storage medium, and wherein a logical portion of said another logical storage medium is specified by at least one data identifier.

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64.   (newly added) The computer program product as defined in claim 56, wherein said at least one data identifier comprises a free space portion.

65.   (newly added) The computer program product as defined in claim 56, wherein said at least one data identifier comprises newly created data.